



US Army Corps of Engineers
Little Rock District

**DA STANDARD DESIGN PACKAGE
YOUTH CENTERS
FOR MIDDLE SCHOOL YOUTH (AGES 11-15)
AND TEENS (AGES 16-18)**

SMALL	60 – 90 CAPACITY
MEDIUM	105 - 135 CAPACITY
LARGE	150 – 180 CAPACITY

**SECTION B
INTERIOR FINISH SCHEDULE
GENERAL REQUIREMENTS
ROOM DESCRIPTIONS**

SEPTEMBER 2010

INTERIOR FINISH SCHEDULE

	ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
1	VESTIBULE	74	QT	QT	EPGB	ACT	8
2	CORRIDOR 1	-	VCT	RB	EPGB	ACT	9
3	RECEPTION	138	VCT	RB	EPGB	ACT	9
4	WAITING	-	VCT	RB	EPGB	ACT	9
5	DIRECTOR'S OFFICE	110	CPT	RB	PGB	ACT	9
6	ADMINISTRATIVE OFFICE	100	CPT	RB	PGB	ACT	9
7	COPY/FILE	95	VCT	RB	PGB	ACT	9
8	STAFF LOUNGE/ TRAINING	320	VCT/ CPT	RB	EPGB	ACT	9
9	STAFF/VISTOR HC RESTROOM	70	CT	CT	CT/EPGB	ACT	9
10	CORRIDOR 2 AND VENDING AREA	178 & 75	VCT	RB	EPGB	ACT	9
11 A	SNACK BAR/ CULINARY ARTS	613	QT	QT	EPGB	VACT	9
11 B	PREPARATION AREA	143	QT	QT	EPGB	VACT	9
12	DRY STORAGE	156	QT	QT	EPGB	VACT	9
13	MAIN COMMONS (By Snack Bar)	842	VCT/ CPT	RB	EPGB	ACT	15
14	COMMONS (Large Facility)	832	VCT	RB	EPGB	ACT	11
15	COMMONS /GATHERING AREA(Medium Facility)	223	VCT	RB	EPGB	ACT	10
16	TECHNOLOGY LAB/HOMEWORK CENTER (Small Facility)	650	CPT-A	RB	EPGB	ACT	9
17	TECHNOLOGY LAB (Medium and Large Facilities)	650	CPT-A	RB	EPGB	ACT	9
18	HOMEWORK CENTER (Medium and Large Facilities)	543 (MED) 525 (LARGE)	CPT-A	RB	EPGB	ACT	9

	ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
19 A	ACTIVITY ROOMS, GENERAL	525	VCT	RB	EPGB	ACT	9
19 B	ACTIVITY ROOMS, HOBBY ARTS COMBINATION	525 /1050	VCT	RB	EPGB	ACT	9
19 C	ACTIVITY ROOMS, HIGH PERFORMANCE	525 / 1050	ATHL FL	RB	EPGB	IR-ACT	9
20 A	GENERAL STORAGE	VARIES	VCT	RB	PGB	ACT	9
20 B	STORAGE AT RECEPTION	66	VCT	RB	PGB	ACT	9
20 C	TECHNOLOGY LAB STORAGE	VARIES	VCT	RB	PGB	ACT	9
21	MULTI-PURPOSE ROOM	6778	ATHL FL	RB	PCMU	E STRU	24 CLEAR
22	SPORTS DIRECTOR'S OFFICE	169	CPT	RB	PGB	ACT	8
23	LAUNDRY	160	QT	QT	EPGB	EPGB	8
24	MALE (2) SM. FACIL. (3) MED. FACILITY (3) LGE. FACILITY	205-274	CT	CT	CT/EPGB	ACT	8
25	FEMALE (2) SM. FACIL. (3) MED. FACILITY (3) LGE. FACILITY	205-274	CT	CT	CT/EPGB	ACT	8
26	CORRIDOR 3	217	VCT	RB	PCMU	ACT	8
27	JANITOR	92 - 116	QT	QT	EPGB	VACT	8
28	VIDEO MONITORING EQUIPMENT ROOM	70	VCT	RB	PGB	ACT	9
29	COMMUNICATION ROOM	100	CONC	RB	PGB	ACT	8
30	MECHANICAL ROOM	609	CONC	RB	PGB	E STRU	VARIES
31	ELECTRICAL ROOM	100	CONC	RB	PGB	E STRU	VARIES
32 A	STORAGE, SPORTS EQUIPMENT	953	CONC	RB	PGB	E STRU	VARIES
32 B	STORAGE, SPORTS EQUIPMENT	317	STEEL	-	PGB	E STRU	VARIES

	ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
	MEZZANINE						
33	STORAGE, OUTSIDE	87	CONC	RB	PGB	E STRU	9

TEEN ROOM/LOUNGE OPTION

	ROOM NAME	ROOM AREA SF	FLOOR MATERIAL	BASE MATERIAL	WALLS MATERIAL	CEILING MATERIAL	CEILING HEIGHT FT
34	TEEN ROOM /LOUNGE	1142 (LARGE) 560 (SMALL)	VCT	RB	EPGB	ACT	9
35	STORAGE ROOMS (2) FOR TEEN ROOM /LOUNGE	128/135 (LARGE) 92/92 (SMALL)	VCT	RB	PGB	ACT	9
36	MECHANICAL ROOM FOR TEEN ROOM /LOUNGE	88 (LARGE) 80 (SMALL)	CONC	RB	PGB	E STRU	9
37	CORRIDOR TO TEEN ROOM/LOUNGE	92 (LARGE) 92 (SMALL)	VCT	RB	EPGB	ACT	9

FINISH SCHEDULE LEGEND

ACT	Acoustical Ceiling Tile
ATHL FL	Athletic Floor
CONC	Concrete Floor (Sealed)
CT	Ceramic Tile (Sealed)
CPT	Carpet
CPT - A	Carpet, Anti-Static
EPGB	Epoxy Painted Gypsum Board
E STRU	Exposed Structure
IR-ACT	Impact Resistant Acoustical Ceiling Tile
PCMU	Painted Concrete Masonry Units (Gloss or Semi-Gloss / Sealed)
PGB	Painted Gypsum Board (Semi-Gloss or Eggshell Finish)
QT	Quarry Tile
RB	Rubber Base
VACT	Vinyl Faced Acoustical Ceiling Tile
VCT	Vinyl Composition Tile

GENERAL REQUIREMENTS

Youth Centers for Middle School Youth and Teens shall meet the following requirements:

- Cardinal directions are based on plan north.
- Building may be mirrored or rotated on the site.
- Provide audible and visible devices on all four sides of facility exterior.
- Mechanical yard shall be fenced.
- Maintain minimum 6' clearance for means of egress.
- Showers and changing rooms are not acceptable.
- Provide exit notification system (door alarm) with master alarm at reception desk on exterior doors in corridors and activity rooms. Provide manual override.
- Provide mass notification system in accordance with UFC 4-021-01.
- Intercom shall provide communication between main desk and program areas occupied by staff and youth except toilets, electrical, mechanical, communication, and small storage rooms.
- Exterior windows shall be operable and screened.
- Panic Hardware: Provide flush type panic hardware for exterior exit doors
- Provide self-closures for exterior doors and interior corridor doors.
- Provide vision panels in all doors, except adult toilet rooms.
- Provide GFCI outlets per code.
- Due to child protection regulations, automatic motion light switches are allowed only in Mechanical, Electrical, and Communications Rooms (rooms that are not accessible to users and staff of Youth Center).
- Provide radius corners and eased edges on countertops and millwork.
- Provide corner guards on outside corners of interior walls, unless noted otherwise.
- Provide acoustical batt insulation with 5/8" sheet rock in walls between rooms,.
- Family Morale Welfare Recreation Command (FMWRC) will provide and install furniture, fixtures and equipment (FF&E) not included in the building contract.

Washers and dryers will be provided and installed by FMWRC. Contact FMWRC for complete list of all FF&E.

- Kitchen Equipment shall be commercial and NSF approved. Equipment will comply will NFPA requirements including NFPA 96. Contractor shall furnish and install equipment.
- Video Monitoring (CCTV) Requirements: Building construction contractor shall provide the conduit, cabling (wiring), boxes and power to the camera location indicated on the FRP drawings. Family Morale Welfare Recreation Command-Child Youth and School Services (FMWRC-CYSS) will coordinate the installation of the CYS Services Video Surveillance System (VSS) to include installing cameras, head-end unit and other equipment for the operation of the video security system. The Navy (SPAWAR) contracts will have the system installed just after the building is turned over. Installation typically takes around four weeks, but is usually done during non-use hours (at night).
- Plumbing: Provide a minimum of one hose bib on each side of building exterior, including kitchen area. Provide water for bi-level, ADA compliant electric water coolers as shown on drawings. If sensor controlled fixtures are used in adult toilets, sensors must be hardwired.
- Water temperature:
 - Maximum temperature for hot water in child accessible areas shall be 110°F.
 - Water temperature in laundry and kitchen shall be 140°F
 - Water temperature for pots and pan sink and dishwasher shall be 180°F.

Fire Protection: Requirements based on the National Fire Protection Association (NFPA) 101, Life Safety Code for Assembly and Educational Occupancy, where applicable. Fully sprinkled in accordance with NFPA 13 and the Unified Facilities Criteria (UFC) 3-600-01. Fire separations in accordance with UFC 4-740-06, where applicable. Fire alarm system and smoke detection systems shall be provided throughout the facility in accordance with NFPA 72. Smoke detection system is not required by code, but is required by the Army. Audible and visible devices shall be installed on all four exterior sides of the facility.

- Humidity Control. Humidity levels shall conform with UFC 03-410-01FA, except a minimum relative humidity of 35 percent will be maintained in activity rooms to prevent drying of mucous membranes and to control the spread of disease.
- Electrical: National Electrical Code (NEC) will govern minimum electrical requirements.
- HVAC: ASHRAE Handbooks, ASHRAE Standard 62 will govern minimum requirements.

- **CORRECTIONS TO THE ARMY STANDARD:**
The following items are clarifications or updates to the information in the Army Standard for Youth Centers. Where there is a conflict between the information in subparagraphs below and the Army Standard, the information below governs.
 - a. In the references listed in the Army Standard, replace “AR 415-5 – Appendix L” with “AR 420-1, Section VII”.
 - b. CCTV requirements at Reception Desk (Lobby/Central Counter/Reception Desk in the Army Standard) are provided in this document.

1. SPACE: Vestibule

FUNCTIONAL DESCRIPTION: This space serves to minimize air transfer by use of exterior and interior doors. Entry must have direct visual contact with the reception desk for access control.

OCCUPANTS: Youth, parents, staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to environmental conditions such as changes in air pressure and high humidity, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance with building codes. **Exterior Doors:** Double 3 foot by 7 foot aluminum doors with full glass meeting ATFP requirements. **Interior Doors:** Double 3 foot by 7 foot aluminum doors with full labeled safety glass.

SPECIAL HARDWARE AND ELECTRICAL REQUIREMENTS: Provide buzzer type access system at entry including following features:

1. buzzer that sounds at reception desk
2. intercom system for communication between reception desk and entry
3. electronic lock system

Features of electronic lock system shall include:

1. control of access into facility at reception desk
2. manual override of electronic lock by key from the outside
3. manual override to allow the doors to remain unlocked
4. "Tell-Tale" light to indicate if doors are locked or unlocked
5. locking mechanism that does not negate the use of panic hardware during emergency evacuation

Provide fire department with a key to manual override

AUTOMATIC DOOR OPERATION REQUIREMENT: Provide ADA approved automatic door operators at outer and inner doors for handicapped accessibility. The automatic door operators at inner door shall be interlocked with Buzzer Access System controls.

SPECIAL ELECTRICAL REQUIREMENTS: Provide a buzzer at inner set of doors that sounds at reception desk. Provide intercom connection with Reception Desk. Provide power for lock mechanism at inner doors.

AUDIO VISUAL DEVICES: Video Monitoring System (CCTV) required. Refer to Video Monitoring System Plan in Standard Design.

SPECIAL HARDWARE REQUIREMENTS: Provide a buzzer

2. SPACE: Corridor 1, Administration Area

FUNCTIONAL DESCRIPTION: Circulation and emergency egress for staff lounge and administrative offices

OCCUPANTS: Youth, parents, staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Reference Specific Area Accessed

3. SPACE: Reception

FUNCTIONAL DESCRIPTION: Central counter for clerk to view/observe youth, parents and visitors entering and exiting the facility. Patrons will sign in/out at this location and payments are received at the reception desk. Reception area serves as the master location for the intercom system, front entry buzzer/magnetic lock release, and duress alarm.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one small counter height swing gate that opens 180 degrees with a plastic laminate finish. Match finish and material of gate with reception desk.

CABINETRY: Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be constructed of AWI custom grade, minimum 5-ply hardwood veneer core plywood (particle board and MDF is not acceptable) finished with plastic laminate. Countertops shall be solid surface polymer. Reception counter will have two levels, 30 inches and 42 inches from the floor. Provide grommets at upper and lower counter for multiple work stations. See Millwork drawings.

ELECTRICAL SPECIAL REQUIREMENTS: Adequate electrical, phone and data ports are required to support computer and electronic sign in functions along with access control, central intercom system and mass notification. In addition to wall outlets required by code, provide a minimum of four quad outlets and four data ports, evenly spaced along the reception counter. Provide duress alarm at front desk. See Electrical Special Requirements for vestibule. Master alarm for exit notification system and manual override for front entry magnetic lock located here.

SPECIAL REQUIREMENTS: Reception desk shall be delineated through the use of a furr-down to 8' above finish floor, which follows the profile of the reception desk. Special lighting shall be provided in the furr-down to light countertops.

4. SPACE: Waiting

FUNCTIONAL DESCRIPTION: Comfortable waiting area with a bench with soft cushion seat for parents and visitors. This space will be adjacent to the Central Counter/Reception Desk and adjacent to the Commons and can serve as an area for a few youth to gather and socialize when not in use by parents and visitors.

OCCUPANTS: Youth, parents and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

CABINETRY: Curved bench with soft cushioned seat with washable cover. Cushion shall be easily removed, but have means, such as hooks or loops, to secure it in place to the bench. Seams in plywood bench shall be sealed to prevent food and liquids from penetrating surface. A full height curved wall behind bench is required to define waiting space and to separate it from the Main Commons

ELECTRICAL SPECIAL REQUIREMENTS: Provide power receptacle, conduit with pull string and junction box for cable TV on curved wall.

5. SPACE: Director's Office

FUNCTIONAL DESCRIPTION: Office for the Youth Center Director. Space must be located in close proximity to the central counter/reception desk and must be directly accessible from the waiting area.

OCCUPANTS: One or two staff members and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels and to provide privacy for meetings between parents and staff. Acoustical batt insulation in interior wall cavities is required.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

ELECTRICAL SPECIAL REQUIREMENTS: Provide one electrical and data port per wall.

6. SPACE: Administrative Office

FUNCTIONAL DESCRIPTION: Office for administrative staff

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels and to provide privacy for meetings between parents and staff. Acoustical batt insulation in interior wall cavities is required.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

ELECTRICAL SPECIAL REQUIREMENTS: Intercom connection; Internet access; telephone; one electrical and one data port per wall.

7. SPACE: Copy/File

FUNCTIONAL DESCRIPTION: Within the administrative area, this space houses copy machines, shared printers, filing cabinets and storage for general office supplies.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

CABINETRY: Adjustable shelving minimum 12" deep.

ELECTRICAL SPECIAL REQUIREMENTS: Electrical/data outlets for copy and fax machine.

SPECIAL REQUIREMENTS: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

Provide space for public address system base unit.

8. SPACE: Staff Lounge / Training

FUNCTIONAL DESCRIPTION: Serves as a combined staff break area and training/distant learning area with individual lockable storage for staff to secure belongings within. Space must be located in the administrative portion of the facility and provide space for at least two workstations with computers and space for table and chairs for staff to work at or eat lunch.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide one 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

CABINETRY: Provide 8-foot long base cabinet and wall-hung upper cabinet with one stainless steel sink with goose neck faucet. Provide space for residential size refrigerator. Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be constructed of AWI custom grade, minimum 5-ply hardwood veneer core plywood (particle board and MDF is not acceptable) finished with plastic laminate. Countertops shall be solid surface polymer with integral backsplash. Counters will be 36" high.

LOCKERS: Provide half-height, lockable, "z-lockers" secured to wall. For each locker unit, minimum foot print shall be 15"x15" and overall height shall be 72". Provide total of 16 lockers in small facility, 18 in medium facility and 20 in large facility.

PLUMBING: Provide water line for ice maker in refrigerator.

ELECTRICAL SPECIAL REQUIREMENTS: Provide the following:

- Internet access in training area
- Intercom
- 3 quad electrical and 3 data/telephone ports along outside wall ("north")
- 1 receptacle on "east" wall
- Two duplex receptacles and two data ports on "south" wall
- Receptacles for refrigerator, coffee maker, appliances and microwave
- Exhaust fan
- Cable TV.

9. SPACE: Staff/Visitor HC Restroom

FUNCTIONAL DESCRIPTION: Handicapped accessible restroom in the entry/lobby of the facility for staff, visitors and parents. This room must be separate from those used by youth.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Up to 42", salient characteristics include durable, waterproof, hard surface resistant to scrapes and stains that is easily washed. Above 42", Salient characteristics include water resistant surface, easy to clean, maintain and repair.

Acoustical batt insulation in interior wall cavities is required.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include accessibility, ease of cleaning, maintenance and repair. Provide 3 foot wide minimum by 7 foot high stained solid core wood door with lever handle privacy lock and painted metal frame. Door frame and hardware shall be able to withstand constant opening and closing.

PLUMBING: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) Requirements will govern the minimum requirements for this space. **Mandatory Plumbing Requirements:** Provide self-priming floor drain. Faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for fifteen seconds.

SPECIAL REQUIREMENTS: Provide fold-down wall mounted diaper change table.

10. SPACE: Corridor 2, Vending and Recycling

FUNCTIONAL DESCRIPTION: Circulation and exit egress for Snack Bar/Culinary Arts, Commons and Activity Rooms. Space for two vending machines and recycling bins.

OCCUPANTS: Youth, parents, staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: Wall separating Vending/Recycling area from Multi-purpose Room shall be one-hour fire-rated wall.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** Reference Specific Area Accessed. The door providing access to the Multi-Purpose Rm shall have a minimum fire resistive rating of $\frac{3}{4}$ hours. **Exterior Doors:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a painted metal frame with rating of heavy duty.

SPECIAL ELECTRICAL REQUIREMENTS: Receptacles for two vending machines.

11 SPACE: A. Snack Bar/Culinary Arts Area; B. Preparation Area

FUNCTIONAL DESCRIPTION: Commercial food preparation and snack bar equipment shall be NSF commercial grade approved equipment. Culinary Arts area is to emulate a “home-type” kitchen environment. Equipment for this area is to be approved by Center for Health Promotion and Preventive Medicine.

OCCUPANTS: Youth and staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping. Water-resistant gypsum wallboard protected by a cement backerboard or green board and ceramic tile will be used to sheath stud wall in accordance with TB Med 530.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, impervious to moisture, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Install ceiling in accordance with TB Med 530

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

CABINETRY: Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be constructed of AWI custom grade, minimum 5-ply hardwood veneer core plywood (particle board and MDF is not acceptable) finished with plastic laminate. Countertops shall be solid surface polymer with integral backsplash. Counters will be 36” high, except snack bar counter will be 42” high. Knee space for sitting on stools will be provided as needed. See enlarged plan in “Section C-Drawings”.

MECHANICAL SPECIAL REQUIREMENTS: NSF commercial grade approved equipment and exhaust hood in commercial food preparation area; residential exhaust hood with residential fire system over cooktop in demonstration kitchen.

PLUMBING: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) Requirements will govern the minimum requirements for this space.

PLUMBING SPECIAL REQUIREMENTS: Residential double sink with stainless steel cover, triple sink, and hand wash sink; goose neck faucets. Provide self priming floor drain.

Requirements for grease traps will be determined by the installation. If provided, grease traps shall not be located inside the building without prior written approval of the MEDCEN/MEDDAL Commander. Locate grease traps within thermal mass. Do not locate grease traps within the fenced area.

ELECTRICAL SPECIAL REQUIREMENTS: Provide data port and cable TV Internet access at end of snack bar counter.

12. SPACE: Dry Storage/Ware Washing

FUNCTIONAL DESCRIPTION: Storage for dry food goods not requiring refrigeration.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, impervious to moisture, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Install ceiling in accordance with TB Med 530.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames. Door shall be fitted with a locking mechanism and lever type handle that allows the door to be opened from the inside while locked. Doors, frames, and hardware shall be able to withstand constant opening and closing. Doors shall be provided with self-closing device. Doors shall be a minimum of half-height glass.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

13. SPACE: Main Commons (Adjacent to Snack Bar/Culinary Arts)

FUNCTIONAL DESCRIPTION: Prime recreation area with plenty of natural light. Commons shall be adjacent to Snack Bar/Culinary Arts. This space is the heart of the program area.

OCCUPANTS: Youth and Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required. Activity areas and circulation spaces are to be differentiated by floor patterns and/or colors.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: Wall separating Main Commons from Multi-purpose Room shall be one-hour fire-rated wall extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

SPECIAL ARCHITECTURAL REQUIREMENTS: Features include a carpeted platform, approximately 16'x18' with two closed and carpeted risers with 20" deep tread, a ramp with handrails, which comply with ADA accessibility requirements, and shelves. Powder-coat handrail to match color scheme. See millwork drawings.

MILLWORK: On curved wall, provide 24" wide counter, 42" high with four data/electric ports every two feet. Counter shall be full length of wall. At platform, provide shelves as detailed on millwork drawings.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Interior Vision Panel: 3' x 4' high impact windows able to withstand multiple sports activities with painted metal frame between Commons and Multi-Purpose Room. Vision Panel shall have minimum fire resistive rating of 1 hour. **Exterior Windows:** Commons shall be provided with diffused or indirect natural lighting from high bay openings such as clerestory windows, dormers or opaque wall panels. Skylights and solar tubes are not an acceptable means of meeting natural lighting requirement.

DOORS/FRAME: Reference adjacent spaces.

ELECTRICAL SPECIAL REQUIREMENTS: Four recessed duplex electrical floor outlets in activity area of each Commons to support table games, such as air hockey. At platform, two recessed duplex electrical outlets on floor and two duplex electrical outlets on wall.

SPECIAL LIGHTING: Zoned Lighting

14. SPACE: Second Commons (Large Facility)

FUNCTIONAL DESCRIPTION: Gathering area for youth adjacent to Activity Rooms.

OCCUPANTS: Youth and Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required. Activity areas and circulation spaces are to be differentiated by floor patterns and/or colors.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: Wall separating Second Commons from Multi-purpose Room shall be one-hour fire-rated wall extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided.

DOORS/FRAME: Reference adjacent spaces.

SPECIAL LIGHTING: Zoned Lighting

15. SPACE: Commons/Gathering Area (Medium Facility)

FUNCTIONAL DESCRIPTION: Gathering area for youth adjacent to Activity Rooms.

OCCUPANTS: Youth and Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required. Activity areas and circulation spaces are to be differentiated by floor patterns and/or colors.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Reference adjacent spaces.

ELECTRICAL SPECIAL REQUIREMENTS: Four recessed duplex electrical floor outlets in this area.

SPECIAL LIGHTING: Zoned Lighting

16. SPACE: Technology Lab/Homework Center (Small Facility)

FUNCTIONAL DESCRIPTION: This area serves as a flexible environment conducive to learning that does not replicate a rigid "Classroom" environment as well as serving as a hands-on technology lab. This area will be strategically located across from the entry area so as to enable youth, parents, and visitors to view this automation station once inside the facility. Space will accommodate 8 computer workstations.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. Flooring shall be anti-static. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required in accordance with ANSI 512.60-2002 Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. **Exterior Windows:** 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** Segmented storefront window system with tempered glazing and painted metal frame curved to 6' radius. Match top of window system to top of door and door frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Doors:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a painted metal frame with rating of heavy duty.

Mandatory Mechanical Requirements: Provide HVAC zoning flexible for this space due to heat generating equipment.

ELECTRICAL SPECIAL REQUIREMENTS: Duplex electrical outlets on walls every 4-5 feet apart, 16 Data Outlets, Telephone Outlet.

17. SPACE: Technology Laboratory (Medium and Large Facilities)

FUNCTIONAL DESCRIPTION: This area will be strategically located in close proximity to the entry area. The technology lab is a functional and programming requirement in all youth centers and shall have a minimum of 35 square feet per youth with 16 computer workstations. From the entry area youth, parents, and visitors will be able to view this automation station once inside the facility. For the small capacity youth center see room description for combined Technology Lab/Homework Center.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. Flooring shall be anti-static. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** Segmented storefront window system with tempered glazing and painted metal frame curved to 6' radius. Match top of window system to top of door and door frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** 3 foot wide by 7 foot tall stained wood doors with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Doors:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a painted metal frame with rating of heavy duty.

MECHANICAL SPECIAL REQUIREMENTS: Provide HVAC zoning flexibility for this space due to heat generating equipment.

ELECTRICAL SPECIAL REQUIREMENTS: Duplex electrical outlets on walls every 4-5 feet apart, 20 Data Outlets, Internet Access.

18. SPACE: Homework Center (Medium and Large Facilities)

FUNCTIONAL DESCRIPTION: This area serves as a flexible environment conducive to learning that does not replicate a rigid "Classroom" environment. It is a self-contained area adjacent to the Technology Laboratory in all youth facilities except in the small capacity youth center. For the small capacity youth center see room description for combined Technology Lab/Homework Center.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. Flooring shall be anti-static. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Doors:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a painted metal frame with rating of heavy duty.

ELECTRICAL SPECIAL REQUIREMENTS: Duplex electrical outlets on walls every 4-5 feet apart, 8 Data Outlets, Internet Access.

19A. SPACE: Activity Rooms, General

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as skill building classes, video games, group meetings and clubs.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Door:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a metal frame with rating of heavy duty.

ELECTRICAL SPECIAL REQUIREMENTS: 2 Data Ports

19B. SPACE: Activity Room, Hobby Arts Combination

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as arts and crafts and science activities.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: Wall separating Activity Room from Multi-purpose Room shall be one-hour fire-rated wall extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** Provide 3 foot by 7 foot stained solid core wood doors with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Door:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a metal frame with rating of heavy duty.

CABINET: Provide base cabinet with wall hung cabinet above the full length of wall as shown on plan. Provide in base cabinet two stainless steel sinks with goose neck faucets. Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be constructed of AWI custom grade, minimum 5-ply hardwood veneer core plywood (particle board and MDF is not acceptable) finished with plastic laminate. Countertops shall be solid surface polymer, 36" high.

PLUMBING: Provide a two compartment, deep welled, stainless steel sink in base cabinet. Provide floor drain with self-priming trap in area near sink. Sink will include plaster trap and gooseneck faucet.

ELECTRICAL SPECIAL REQUIREMENTS: 2 Data ports

19C. SPACE: Activity Room, High Performance

FUNCTIONAL DESCRIPTION: A multiple use area for more active functions such as dance, interactive physical games or martial arts. Depending on the intended use, coordinate for any special requirements for flooring, walls, ceiling height, unbreakable wall mirror.

OCCUPANTS: Staff and Youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, minimal seams, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required. Floor must be acceptable for multiple physical activity games. Wood flooring is not acceptable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: Wall separating Activity Room from Multi-purpose Room shall be one-hour fire-rated wall extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling shall be impact resistant with an impact absorbing suspension system. Ceiling shall pass an impact test equal to Armstrong's "Falling Ball" test. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair. **Exterior Windows:** 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. Screens must be provided. **Interior Vision Panel:** 3' by 4' window(s) with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Door:** One 3 foot wide by 7 foot tall stained wood door with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Door:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a metal frame with rating of heavy duty.

SPECIAL REQUIREMENTS: Provide 5' high unbreakable mirror to run 75-100% on wall indicated on standard floor plan.

SPECIAL STRUCTURAL REQUIREMENTS: Reinforce walls to support government furnished and government installed sport wall. Coordinate with Furniture Fixtures and Equipment.

ELECTRICAL SPECIAL REQUIREMENTS: 2 Data Ports

20A. SPACE: General Storage

FUNCTIONAL DESCRIPTION: General storage for supplies.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE-RATED WALL: When a storage room is adjacent to Multi-purpose Room, the wall separating Storage Room from Multi-purpose Room shall be one-hour fire-rated wall extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot solid core stained wood door with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. Doors, frames, and hardware shall be able to withstand constant opening and closing. Doors shall be provided with self-closing device. Door shall be fitted with a locking mechanism and lever type handle that allows the door to be opened from the inside while locked. Doors shall be a minimum of half-height glass.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

20B. SPACE: Storage at Reception

FUNCTIONAL DESCRIPTION: Storage area adjacent to the Reception Area to be used for youth to hang coats and store belongings.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

DOORS/FRAME: 4' cased opening.

CABINETRY: Rod(s) for hanging coats and shelving for backpacks to be provided in storage room adjacent to the Reception Area.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

20C. SPACE: Technology Lab and/or Homework Center Storage

FUNCTIONAL DESCRIPTION: General storage for supplies.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide double 3'x7' solid core stained wood door with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. Doors, frames, and hardware shall be able to withstand constant opening and closing. Doors shall be provided with self-closing device. Door shall be fitted with a locking mechanism and lever type handle that allows the door to be opened from the inside while locked. Doors shall be a minimum of half-height glass.

CABINETRY: Adjustable shelving minimum 12" deep.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

21. SPACE: Multi-Purpose Room

FUNCTIONAL DESCRIPTION: Area for skill building clinics, fitness activities and team events. It can also function as two activity spaces divided by drop divider curtain when needed. The Army Sport and Fitness Programming element will be emphasized. Space will be sized to accommodate a full court regulation size high school basketball court and associated safety zones and portable bleachers.

OCCUPANTS: Youth, Staff and Parents

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, minimal seams, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required. Floor must be acceptable for multiple activities, which include basketball, volley ball and roller skating, non competitive physical activities and sports clinics. Wood flooring is not acceptable.

Install flush receptacles for insertion of volleyball stanchions with covers when not in use. Provide line markings in black for full-court basketball, in red for volleyball, and light blue for side court. Side courts will have lane markings only without half moon marking.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Structural wall surface with hard, durable and easily cleaned surface, impact resistance for multiple sports activities.

FIRE-RATED WALL: Provide one-hour fire-rated wall extending to roof deck to separate the multipurpose room (assembly occupancy as defined in NFPA 101) from educational occupancy areas. Educational occupancy areas for small, medium, and large plans include Vending/Recycling, Main Commons, Commons, Hobby Arts Combination Activity Room, High Performance Activity Room, and Storage.

SPECIAL WALL REQUIREMENTS: Reinforce facility walls used to support government furnished and government installed climbing wall. See plan for location of climbing wall. Coordinate with Furniture, Fixtures and Equipment package.

SPECIAL EQUIPMENT: Install Government furnished removable wall padding (mats) around room perimeter, except area for climbing wall. Provide electrically operated drop divider curtain, 6' clear on all sides. Top part of curtain will have an open weave to allow for ventilation, lighting and visibility. The curtain shall be raised and lowered with an electric winch. The curtain shall be operated with a spring loaded momentary key switch requiring the person operating it to maintain a constant pressure on the switch until it is raised or lowered to position. Locate switch in full view of curtain operator.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Interior Vision Panel: Windows in fire rated wall shall have shatter resistant glazing and painted metal frames and shall comply with fire rated requirements of NFPA 80. They shall have a minimum fire resistive rating of 1 hour. **Exterior Windows:** Provide clerestory windows or vision panels to provide natural light in the Multi-Purpose Room.

Natural lighting is mandatory for this space and no design of artificial lighting will be accepted. Install glass blocks of Kalwall for glazing. Direct sunlight is not encouraged for this space.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use and compliance to building codes.

Interior Doors: 3 pairs of 3'x7' stained wood doors with half vision-lite; painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. Provide 45-minute fire rated door in fire-rated wall.

Exterior Doors: Provide three pairs of 3'x7' insulated hollow metal exterior doors with half laminated glass conforming to ATFP requirements and metal frames. Doors and frames shall have rating of heavy duty.

MECHANICAL SPECIAL REQUIREMENT: Dedicated HVAC Unit for this space.

SPECIAL LIGHTING: Provide HID Metal Halide with wire guards. Provide battery type emergency lights. Provide variable lighting to support activities, such as sporting events, dances, movie viewing, etc.

ELECTRICAL SPECIAL REQUIREMENTS: Receptacle for drop divider curtain, public address system and scoreboard electrical outlets at half court extended.

SPECIAL REQUIREMENTS: Provide protective mesh covers for all external fixtures, including, but not limited to emergency lights, strobe lights, fire alarm and pull stations. Recess all receptacles with protective mesh covers. Install tamper-proof light switches to prevent multi-purpose room lights from being turned off by youth.

Provide four basketball goals for half court play. Half court basketball goals will be manually adjustable to height of 8'-10' and will manually retract to wall. Provide two basketball goals (shatterproof and breakaway) for full court play. Each end of court will be pre-wired for dual score board installation, that can be used independently for cross court games, and drops for score table usage.

22. SPACE: Sports Director's Office

FUNCTIONAL DESCRIPTION: Office for Sports Director.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair with sound absorbing qualities and warm soft texture. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

Wall structure shall be designed to isolate this area from adjacent activity which may create high noise levels and to provide privacy for meetings between parents and staff. Acoustical batt insulation in interior wall cavities is required.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.
Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. **Interior Vision Panel:** 3' by 4' window with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

ELECTRICAL SPECIAL REQUIREMENTS: Intercom; telephone; one electrical receptacle and one data port on each wall.

23. SPACE: Laundry

FUNCTIONAL DESCRIPTION: Space with heavy-duty residential washers and dryers for laundering sports uniforms and other items associated with the operation of a youth center (e.g. props and clothes for drama)

OCCUPANTS: Staff.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, durable, and hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

FIRE RATING OF MATERIALS: Provide one-hour fire-resistive barrier (walls and ceiling) around the laundry room.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include, durable materials, low maintenance, easy to repair, and with access to mechanical system above ceiling.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot solid core stained wood door with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. Door shall have locking mechanism. Provide 45-minute fire-rated doors.

CABINETRY: Base cabinet with 15" deep laundry sink and with wall hung cabinet above. Salient features include ease of cleaning, maintenance and repair with hard and smooth surface. Cabinets will be constructed of AWI custom grade, minimum 5-ply hardwood veneer core plywood (particle board and MDF is not acceptable) finished with plastic laminate. Counter top shall be solid surface polymer, 36" high. Coordinate with Furniture Fixtures and Equipment for location of clothes hanging rack.

PLUMBING SPECIAL REQUIREMENTS: Provide self priming floor drain; hot & cold water connections for laundry tub and clothes washers; gas connection & exhaust vent for clothes dryers.

ELECTRICAL SPECIAL REQUIREMENTS: Intercom. According to program requirements, provide receptacles for washer & dryer. Coordinate with Furniture, Fixtures and Equipment package.

24. SPACE: Male, (Typical)

FUNCTIONAL DESCRIPTION: Two separate toilet areas for youth (male), one adjacent to Commons; one adjacent to Multi-Purpose Room. Label room "Male".

OCCUPANTS: Male youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Up to 42", salient characteristics include durable, waterproof, hard surface resistant to scrapes and stains that is easily washed. Above 42", Salient characteristics include water resistant surface, easy to clean, maintain and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

PLUMBING SPECIAL REQUIREMENTS: Provide minimum of one water closet with a minimum of one urinal and one self contained lavatory per 18 youth. See plan for location and total number of fixtures. Provide self priming floor drain. Faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for fifteen seconds.

SPECIAL REQUIREMENTS: Hooks shall be placed on inside of each toilet stall, plus 4 hooks shall be placed on wall outside toilet partitions to assist youth when changing clothes. In restroom off Multi-Purpose Hall, provide fold-down wall mounted diaper change table.

25. SPACE: Female (Typical)

FUNCTIONAL DESCRIPTION: Two separate toilet areas for youth (female), one adjacent to Commons; one adjacent to Multi-Purpose Room. Label room "Female".

OCCUPANTS: Female youth

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping, smooth, non porous, durable, hard surface resistant to scrapes and stains and easy to clean. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Up to 42", salient characteristics include durable, waterproof, hard surface resistant to scrapes and stains that is easily washed. Above 42", Salient characteristics include water resistant surface, easy to clean, maintain and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: No doors in this area. Provide airport style entry to block visibility into room but allow staff to monitor by listening.

PLUMBING REQUIREMENTS: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) will govern the minimum requirements for this space.

PLUMBING SPECIAL REQUIREMENTS: Provide minimum of one water closet and one self-contained lavatory per 18 youth. See plan for location and total number of fixtures. Provide self priming floor drain. Provide self priming floor drain. Faucets shall be pre-mixed single push control that meets ADA requirements. Water shall run for fifteen seconds.

SPECIAL REQUIREMENTS: Hooks shall be placed on inside of each toilet stall, plus 4 hooks shall be placed on wall outside toilet partitions to assist youth when changing clothes. In restroom off Multi-Purpose Hall, provide fold-down wall mounted diaper change table.

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26. SPACE: Corridor 3, Multi-Purpose

FUNCTIONAL DESCRIPTION: Circulation and exit egress for multi-purpose room, restrooms, laundry and office.

OCCUPANTS: Youth, parents, staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Reference Specific Area Accessed

PLUMBING: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) will govern the minimum requirements for this space.

PLUMBING SPECIAL REQUIREMENTS: Two water fountains, including one ADA compliant.

27. SPACE: Janitor

FUNCTIONAL DESCRIPTION: Space to store janitor's equipment and cleaning supplies. Space is directly accessible from corridor.

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3'x7' stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. Door shall swing out 180°.

CABINETRY: Adjustable shelving minimum 12" deep.

PLUMBING: International Plumbing Code, ASHRAE Handbooks, Americans with Disabilities Act (ADA) will govern the minimum requirements for this space.

PLUMBING SPECIAL REQUIREMENTS: One janitor's floor mop sink with back flow prevention device; self priming floor drain; wall-hung mop rack.

SPECIAL REQUIREMENT: Interior shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

28. SPACE: Video Monitoring Equipment Room

FUNCTIONAL DESCRIPTION: Area will house CCTV video monitoring system to deter and reduce the risk of child abuse and protect staff from unwarranted allegations of abuse. Additional cooling required

OCCUPANTS: Facility Director

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked.

MECHANICAL SPECIAL REQUIREMENTS: Supply cool, conditioned air to space for heat generating equipment.

ELECTRICAL SPECIAL REQUIREMENTS: Receptacles for CCTV equipment; 30 amp receptacle.

29. SPACE: Communication Room

FUNCTIONAL DESCRIPTION: Communication equipment.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. The wall adjacent to the Mechanical Rm shall have a minimum fire resistive rating of 1 hour.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum 3 foot wide by 7 foot tall painted hollow metal door with painted metal frame. Door shall have a locking mechanism.

MECHANICAL SPECIAL REQUIREMENTS: Supply cool, conditioned air to space for heat generating equipment.

ELECTRICAL SPECIAL REQUIREMENTS: Wall Telephone Outlets, Data Ports

SPECIAL REQUIREMENTS: Comply with Technical Guide for Installation Information Infrastructure Architecture (I3A).

30. SPACE: Mechanical Room

FUNCTIONAL DESCRIPTION: Area that will house all HVAC/plumbing equipment. This room should not be located near the outdoor activity area.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

FIRE-RATED WALL: Interior walls of Mechanical Room shall be one-hour fire-rated walls extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum one pair 3 foot wide by 7 foot tall painted hollow metal doors with painted metal frame. Each leaf will be designed to swing out at 180 degrees.

MECHANICAL SPECIAL REQUIREMENTS: Ventilation and heat only in this space.

PLUMBING: International Plumbing & Fuel Gas Codes, ASHRAE Handbooks, Americans with Disabilities Act (ADA) Requirements will govern the minimum requirements for this space.

ELECTRICAL SPECIAL REQUIREMENTS: Wall Telephone Outlet

31. SPACE: Electrical Room

FUNCTIONAL DESCRIPTION: Area that will house electrical equipment. This room should not be located near the outdoor activity area.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. The wall adjacent to the Mechanical shall have a minimum fire resistive rating of 1 hour.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum one pair 3 foot wide by 7 foot tall painted hollow metal doors with painted metal frame. Each leaf will be designed to swing out at 180 degrees.

MECHANICAL SPECIAL REQUIREMENTS: Ventilation and heat only in this space.

32A. SPACE: Storage, Sports Equipment

FUNCTIONAL DESCRIPTION: Space for storage of programming supplies and equipment, large pieces of sports and fitness equipment, bats, balls, roller skates, etc. Includes rack storage.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. An economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Interior Doors in wall between Sports Equipment Storage and Multi-Purpose Room:** Pair of 4'x8' doors with top and bottom, flush bolts on one leaf, with half vision-lite, hollow metal frame and self-closing devices and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Doors:** Pair of 4'x8' insulated doors with top and bottom, flush bolts on one leaf, with half vision-lite and hollow metal frame.

ELECTRICAL SPECIAL REQUIREMENTS: Wall Telephone Outlet

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

32B. SPACE: Storage, Sports Equipment Mezzanine

FUNCTIONAL DESCRIPTION: Space for storage of uniforms and seasonal equipment, including rack storage, to be accessed by Sports Director.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. An economical utilitarian finish is suitable.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

33. SPACE: Storage, Outside

FUNCTIONAL DESCRIPTION: Storage room adjacent to outdoor activity area used to store outdoor recreational equipment.

OCCUPANTS: Staff

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. An economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Interior Door:** Provide 3 foot by 7 foot stained solid core wood door with half vision-lite and painted metal frames and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Door:** Minimum 3 foot wide by 7 foot tall painted hollow metal door with painted metal frame. Door shall be a minimum of half-height glass. Door shall be fitted with a locking mechanism and lever type handle that allows the door to be opened from the inside while locked. Doors, frames, and hardware shall be able to withstand constant opening and closing. Doors shall be provided with self-closing device.

SPECIAL ELECTRICAL REQUIREMENTS: Receptacle for ice machine. Coordinate with Furniture, Fixture and Equipment package.

PLUMBING: Provide cold water line for ice machine and self-priming floor drain.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head

34. SPACE: Teen Room/Lounge Option

FUNCTIONAL DESCRIPTION: A multiple use area for functions such as group meetings, clubs and skill building classes, etc., for youth, ages 16-18.

OCCUPANTS: Staff and youth (ages 16-18)

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements. **Interior Vision Panel:** 3' by 4' window with tempered glazing and painted metal frame.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** Provide 3 foot wide by 7 foot stained solid core doors with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked. **Exterior Door:** 3'x7' insulated hollow metal exterior doors with half glass panel conforming to ATFP standards and a metal frame with rating of heavy duty.

MILLWORK: Provide built in window seats as shown on floor plan with hinged tops to provide storage.

ELECTRICAL SPECIAL REQUIREMENTS: CATV; Intercom; three (3) data ports for large Teen Room/Lounge; two (2) data ports for small Teen Room/Lounge.

35. SPACE: Storage for Teen Room/Lounge

FUNCTIONAL DESCRIPTION: General storage for supplies

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. Provide 3 foot by 7 foot solid core stained wood door with half vision-lite and painted metal frame and locking mechanism that allows the door to be opened from the inside while locked.

CABINETRY: Adjustable shelving (2) minimum 12" deep.

SPECIAL REQUIREMENT: All storage room interiors shall be marked with a 1-inch wide red line located 18 inches below the lowest point of the fire sprinkler head.

36. SPACE: Mechanical Room for Teen Room/Lounge

FUNCTIONAL DESCRIPTION: Area that will house HVAC/plumbing equipment. This room should not be located near the outdoor activity area. This room may be deleted if the main HVAC unit is adequate to condition this room.

OCCUPANTS: Maintenance personnel

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include resistance to slipping and ease of cleaning, maintenance and repair. A base material appropriate to the flooring material used is required. Room is not accessible to staff or patrons therefore an economical utilitarian finish is suitable.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair.

FIRE-RATED WALL: Interior walls of Mechanical Room shall be one-hour fire-rated walls extending to roof deck.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Exposed Structure

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair. **Mandatory requirements:** Minimum one pair 3 foot wide by 7 foot tall painted hollow metal doors with painted metal frame. Each leaf will be designed to swing out at 180 degrees.

Mandatory Mechanical Requirements: Ventilation and heat only in this space.

PLUMBING: International Plumbing & Fuel Gas Codes, ASHRAE Handbooks, Americans with Disabilities Act (ADA) Requirements will govern the minimum requirements for this space.

ELECTRICAL SPECIAL REQUIREMENTS: Wall Telephone Outlet

37. SPACE: Corridor, Teen Room/Lounge Option

FUNCTIONAL DESCRIPTION: Circulation and exit egress.

OCCUPANTS: Youth, parents, staff and visitors

MINIMUM FLOOR AND BASE CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include slip resistance, abrasion resistance, easy to clean, maintain and repair. A base material appropriate to the flooring material used is required.

MINIMUM WALL CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include ease of cleaning, maintenance and repair. Surface shall be water resistant for easy wiping.

MINIMUM CEILING CONSTRUCTION/SURFACE PERFORMANCE: Salient characteristics include good sound absorbing characteristics, durable materials, low maintenance, easy to repair, and with easy access to mechanical system above ceiling. Ceiling Attenuation Class (CAC) of 38 or higher is required.

WINDOWS: Salient characteristics include ease of cleaning, maintenance and repair.

Exterior Windows: 3' by 5' single or double hung windows with laminated glazing and conforming to ATFP requirements.

DOORS/FRAME: Salient characteristics include ease of cleaning, maintenance and repair, ability to withstand continuous use, and compliance to building codes. **Interior Doors:** Reference Specific Area Accessed. **Exterior Doors:** 3 foot by 7 foot insulated hollow metal exterior door with half glass panel conforming to ATFP standards and a painted metal frame with rating of heavy duty.